

Converting Colors

XYZ(48.2281, 38.9838, 25.2330)

Have a look what the booklet for
XYZ(48.2281, 38.9838, 25.2330)
contains.

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Color

**XYZ(48.3108, 39.0363,
25.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	EC8F80
RGB	236, 143, 128
RGB Percent	93%, 56%, 50%
CMY	0.0745, 0.4392, 0.4980
CMYK	0.00, 0.39, 0.46, 0.07
HSL	8°, 74%, 71%
HSV	8°, 46%, 93%
XYZ	48.3108, 39.0363, 25.4106
YIQ	169.0970, 60.2430, 15.0510

Conversions

Conversions Part 2

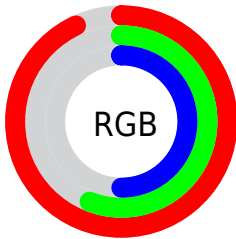
Format	Color
R _Y B	236, 145, 128
Decimal	15503232
CIE Lab	68.78, 33.61, 23.03
CIE LCh	69, 40.744, 34.424
Yxy	39.0363, 0.4284, 0.3462
Android (android.graphics.Color)	4293693312 (0xFFEC8F80)
YUV	169.0970, -20.2608, 58.6739
Hunter-Lab	62.4790, 28.6836, 19.6217

Details

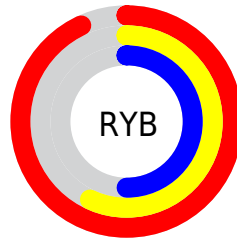
The XYZ color **48.3108, 39.0363, 25.4106** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.8975, 62.3553, 88.7626**, and the grayscale version is **37.8373, 39.8078, 43.3507**.

A 20% lighter version of the original color is **69.7746, 64.9844, 52.5818**, and **23.2838, 17.3938, 9.5273** is the 20% darker color. If you saturate the color by 10%, you get **44.1551, 32.9285, 17.2324**, and if you desaturate by 10%, it is **53.3823, 46.3976, 35.6769**.

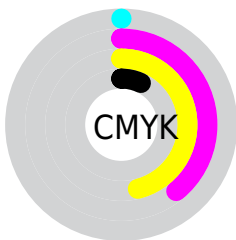
Distribution



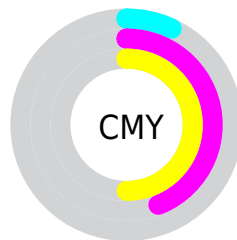
- Red (93%)
- Green (56%)
- Blue (50%)



- Red (93%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (39%)
- Yellow (46%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3108, 39.0363, 25.4106 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 48.3108, 39.0363, 25.4106 by changing the saturation by 10% instead.


 48.3108, 39.0363,
25.4106

 48.3108, 39.0363,
25.4106


370.5849,
342.0448, 293.3895


 34.2854, 26.7880,
16.1614


 86.8739, 73.6938,
53.2949

 23.2768, 17.4140,
9.4829


 112.1422, 96.8717,
72.7671

 14.9199, 10.5301,
4.9564


 141.8889,
124.4616, 96.4841

 8.8491, 5.7518,
2.1634

176.4793,
156.8479, 124.8644

 4.6992, 2.6948,
0.6531

216.2787,
194.4150, 158.3266

 2.1048, 0.9745,
0.0000

261.6525,

 0.6918, 0.0000,

237.5472, 197.2891

0.0000

312.9661,
286.6290, 242.1706

0.0000, 0.0000,
0.0000

48.3108, 39.0363,
25.4106

48.3108, 39.0363,
25.4106

44.1551, 32.9285,
17.2324

53.3823, 46.3976,
35.6769

40.8570, 27.9985,
10.9964

59.4172, 55.0710,
48.1593

38.3561, 24.1714,
6.5412

66.4633, 65.1184,
62.9780

36.5826, 21.3612,
3.6784

74.5644, 76.5959,
80.2440

35.4537, 19.4685,
2.1764

83.7617, 89.5567,
100.0611

■ 35.1300, 18.9089,
1.7982

■ 88.4020, 96.5728,
108.5889

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.9033, 39.0363, 39.8209



48.3108, 39.0363, 25.4106



42.7228, 39.0363, 17.8285

Triad

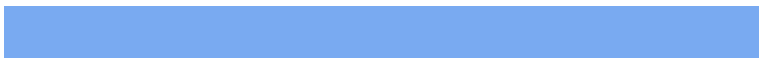
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.3108, 39.0363, 25.4106



26.9962, 39.0363, 28.9316



38.0684, 39.0363, 88.7033

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.3108, 39.0363, 25.4106



49.8975, 62.3553, 88.7626

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



31.9987, 39.0363, 83.3018



48.3108, 39.0363, 25.4106



26.0535, 39.0363, 45.3048

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.3108, 39.0363, 25.4106



30.5198, 39.0363, 19.4093



27.7780, 39.0363, 65.9298



44.5703, 39.0363, 79.0817

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.3108, 39.0363, 25.4106



38.3219, 39.0363, 16.0349



27.7780, 39.0363, 65.9298



35.9099, 39.0363, 88.6016

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.3118, 39.0383, 25.4113



80.7914, 79.8416, 78.3779



55.4425, 38.5240, 73.3401



16.8707, 16.4899, 15.8817



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.3118, 39.0383, 25.4113



52.8779, 39.6077, 21.0024



58.3187, 59.0520, 28.7470



15.2343, 15.3915, 15.6866



19.4187, 10.5317, 1.0093



1.5780, 0.9334, 0.0970

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.8975, 62.3553, 88.7626



54.9430, 70.5591, 105.3312



37.9716, 38.5034, 84.7872



15.3289, 16.7442, 19.3463



20.2165, 27.0799, 47.9044



1.6366, 2.2247, 3.7780

Previews

White Background



This preview shows how the XYZ color 48.3108, 39.0363, 25.4106 looks on a white background.

Color Contrast Check

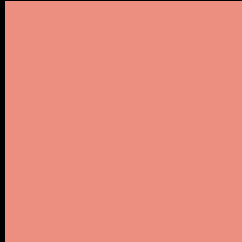
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 48.3108, 39.0363, 25.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3108, 39.0363, 25.4106

Background



This preview shows how black text looks on a background with the XYZ color 48.3108, 39.0363, 25.4106.



This preview shows how white text looks on a background with the XYZ color 48.3108, 39.0363,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.3108, 39.0363, 25.4106

Protanopia

37.0964, 39.3637, 30.4537

Deuteranopia

39.9997, 39.1125, 24.8433



Tritanopia

50.1430, 39.1353, 33.7652

Trichromacy



Original Color

48.3108, 39.0363, 25.4106

Protanomaly

40.3953, 38.7160, 28.6364

Deuteranomaly

42.4729, 38.6146, 24.9535

Tritanomaly

49.3324, 39.0073, 30.5202

Monochromacy



Original Color

48.3108, 39.0363, 25.4106

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.3959, 38.8122, 35.9343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3108, 39.0363, 25.4106 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(236, 143, 128)` looks like.

```
.text, #text, p{  
    color:rgb(236, 143, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(236, 143, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 143, 128) }
```

Border

The CSS property to change the border of an element to XYZ 48.3108, 39.0363, 25.4106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 143, 128) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(236, 143, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(236, 143, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 143, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 143, 128);  
box-shadow:4px 4px 4px 4px rgb(236, 143,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3108, 39.0363, 25.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 143, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(236,  
143, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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